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Aug 19, 1983

DERWENT-ACC-NO: 1983-773655

DERWENT-WEEK: 198339

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TITLE: Stable allantoin ointment - contg. carboxy-vinyl polymer and water, and having slightly acidic pH

PATENT-ASSIGNEE: DAIICHI SEIYAKU CO (DAUC)

PRIORITY-DATA: 1982JP-0020449 (February 10, 1982)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 58140013 A	August 19, 1983	N/A	003	N/A
JP 89058165 B	December 11, 1989	N/A	000	N/A

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
JP58140013A	February 10, 1982	1982JP-0020449	N/A

INT-CL (IPC): A61K 7/00; A61K 9/08; A61K 31/41; A61K 47/00

ABSTRACTED-PUB-NO: JP58140013A

BASIC-ABSTRACT:

New ointment contains allantoin as main component, carboxyvinyl polymer, and H₂O, and is adjusted to pH5.5 or under. Allantoin is easily hydrolysed to glyoxylic acid and uric acid with acid, and to allantoinic acid with alkali. E.G., allantoin content is reduced to under 90% by long-term storage at over pH5.5. This ointment is usable and stable without contg. surfactant.

Ointment can contain skin-protecting agent (e.g., vaseline, cetyl alcohol, palmitic acid), humectants (e.g., glycerol, sorbitol), antiseptic (e.g., methyl hydroxybenzoate, benzalkonium chloride, boric acid), perfumes and pigments.

ABSTRACTED-PUB-NO: JP58140013A

EQUIVALENT-ABSTRACTS:

CHOSEN-DRAWING: Dwg.0/0

DERWENT-CLASS: A96 B03

CPI-CODES: A04-A03; A04-F04; A12-V01; B04-C03B; B07-D09; B12-M02; B12-M06;

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L4 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2001 ACS
 ACCESSION NUMBER: 1983:581503 CAPLUS
 DOCUMENT NUMBER: 99:181503
 TITLE: Stable pharmaceuticals containing allantoin for topical application
 PATENT ASSIGNEE(S): Daiichi Seiyaku Co., Ltd., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 3 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 58140013	A2	19830819	JP 1982-20449	19820210
JP 01058165	B4	19891211		

AB Stable pharmaceuticals for topical application contain allantoin (I) [97-59-6], carboxyvinyl polymer [9003-01-4] and H2O with pH adjusted to <5.5. There was no changes in the color and viscosity and no unpleasant odor in the prepns. after prolonged storage. Thus, squalane was dispersed in carboxylvinyl polymer to give a dispersion, and a soln. contg. Et p-benzoate, 1,3-butylene glycol and I was added to the suspension while stirring. The mixt. was adjusted to pH 4-5 with NaOH. After storage at 40.degree. for 3 mo, 97% of the original activity of the prepn. (pH 4) was detected.

IT 9003-01-4
 RL: BIOL (Biological study)
 (pharmaceuticals contg. allantoin and, for topical application)

IT 97-59-6
 RL: BIOL (Biological study)
 (pharmaceuticals contg. carboxyvinyl polymer and, for topical application)